

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/730,961
Filing Date	December 9, 2003
First Named Inventor	Jodi L. REEVES, et al.
Art Unit	2621
Examiner Name	J. MANCUSO
Attorney Docket Number	5005469-002US1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
pt	a	US-2004/0018394 A1	01-29-2004	Jia, et al.	
	b	US-2004/0023077 A1	02-05-2004	Jia, et al.	
	c	US-2004/0206952 A1	10-21-2004	Jia, et al.	
	d	US-6,055,446 A	04-25-2000	Kroeger, et al.	
	e	US-6,190,752 B1	02-20-2001	Do, et al.	
	f	US-6,339,047 B1	01-15-2002	Christopherson, et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
pt	g	WO 01/56128 A	08-02-2001	Christopherson	See English Abstract, f
	h	WO 03/082566 A	10-09-2003	Jia	See English Abstract, a,b,c

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
pt	i	International Search Report mailed on June 23, 2005 in connection with PCT/US2004/037133.	
pt	j	Written Opinion of the International Searching Authority mailed on June 23, 2005 in connection with PCT/US2004/037133.	

Examiner
Signature

Phuoc Tran

Date
Considered

5/1/06

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Number - Kind Code ² (if known)			
PT	a	US-3,825,351 A	07-23-1974	Seki, et al.	
	b	US- 4,110,047 A	08-29-1978	Takahashi	
	c	US- 4,671,663 A	06-09-1987	Sick	
	d	US-4,675,730	06-23-1987	Adomaitis, et al.	
	e	US-4,836,680 A	06-06-1989	Troster, et al.	
	f	US-5,383,776 A	01-24-1995	Trail, et al.	
	g	US-5,828,449 A	10-27-1998	King, et al.	
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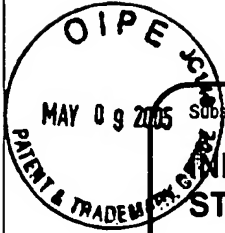
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
PT	h	EP 0284630 A	10-05-1988	Adomaitis		d

Examiner Signature	<i>Phuoc Tran</i>	Date Considered	5/1/06
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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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Application Number	10/730,961
Filing Date	December 9, 2003
First Named Inventor	Jodi L. REEVES et al.
Art Unit	2621
Examiner Name	Unknown
Attorney Docket Number	5005469-002US1

NON PATENT LITERATURE DOCUMENTS

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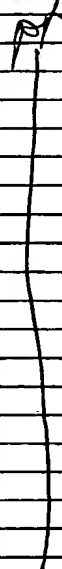
Examiner Signature	<i>Phuoc Tran</i>	Date Considered	5/1/06
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Application Number	10/730,961
Filing Date	12/9/03
First Named Inventor	Jodi L. Reeves
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	05005469.002US1

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-6,610,632	08/26/2003	Honjo, Tetsuji	
	2	US- 6,541,121	11/25/2003	Jeong, Ho Jin	
	3	US- 6,383,989	05/07/2002	Jia, Quanxi	
	4	US- 5,872,080	02/18/1999	Arendt, Paul N.	
	5	US- 6,610,414	08/28/2003	Goyal, Amit	
	6	US- 6,610,413	08/26/2003	Goyal, Amit	
	7	US- 6,607,839	08/19/2003	Goyal, Amit	
	8	US- 6,607,838	08/19/2003	Goyal, Amit	
	9	US- 6,602,313	08/05/2003	Goyal, Amit	
	10	US- 6,599,348	07/29/2003	Goyal, Amit	
	11	US- 6,451,450	09/17/2002	Goyal, Amit	
	12	US- 6,447,714	09/10/2002	Goyal, Amit	
	13	US- 6,331,199	12/18/2001	Goyal, Amit	
	14	US- 6,156,376	12/05/2000	Paranthaman, Marappan	
	15	US- 6,108,615	08/22/2000	Goyal, Amit	
	16	US- 5,964,866	10/12/1999	Goyal, Amit	
	17	US- 5,958,599	09/28/1999	Goyal, Amit	
	18	US- 5,898,020	04/27/1999	Goyal, Amit	
	19	US- 5,741,377	04/21/1998	Goyal, Amit	
	20	US- 5,739,086	04/14/1998	Goyal, Amit	

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Application Number	10/730,961
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First Named Inventor	Jodi L. Reeves
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	05005469.002US1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 5

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Application Number	10/730,961
Filing Date	12/9/03
First Named Inventor	Jodi L. Reeves
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	05005469.002US1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
PT	41	US- 4,681,001	04/28/1987	Takai, Yoshihiro	
	42	US- 4,049,052	09/20/1977	Arendt, Henry P.	
	43	US- 4,247,907	01/27/1981	Durbeck, Robert C.	
	44	US- 4,281,342	07/28/1981	Ueda, Hirotada	
	45	US- 4,079,482	03/21/1978	Yeh, Chan H.	
	46	US- 5,980,078	11/09/1999	Krivoshein, Ken D.	
	47	US- 5,726,912	03/10/1998	Krall, Jr., Rudy A.	
	48	US- 5,689,415	11/18/1997	Calotychos, Jean Andre	
	49	US- 5,579,218	11/26/1996	Ehlig, Peter N.	
	50	US- 5,351,200	09/27/1994	Impink, Jr., Albert J.	
	51	US- 4,916,600	04/10/1990	Rapelato, Michell	
	52	US- 4,646,223	02/24/1987	Sekiguchi, Hiroshi	
	64	US- 4,344,127	08/10/1982	McDaniel, George H.	
	65	US- 4,396,976	08/02/1983	Hyatt, Gilbert P.	
	66	US- RE36,488	01/11/2000	Elings, Virgil B.	
	67	US- RE33,387	10/16/1990	Binnig, Gerd K.	
	68	US- 6,427,345	08/08/2002	Alvis, Roger L.	
	69	US- 6,248,054	06/12/2001	Toda, Akitoshi	
	70	US- 5,898,106	04/27/1999	Babcock, Kenneth L.	
	71	US- 5,760,300	06/02/1998	Kajimura, Hiroshi	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Signature

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pt	72	US- 5,519,212	05/21/1996	Elings, Virgil B.	
	73	US- 5,412,980	05/09/1995	Elings, Virgil B.	
	74	US- 5,289,004	02/22/1994	Okada, Takao	
	75	US- 5,608,527	03/04/1997	Valliant, James G.	
	76	US- 5,526,116	05/14/1996	Castro, Paul R.	
	77	US- 5,189,490	02/23/1993	Shetty, Devdas	
	78	US- 4,979,249	12/18/1990	Bessho, Yoshinori	
	79	US- 4,673,818	06/16/1987	Guerra, John M.	
	80	US- 4,290,698	09/22/1981	Milana, Emilio	
	81	US- 4,145,140	03/20/1979	Fujii, Hitoshi	
	82	US- 3,971,956	07/27/1976	Jakeman, Eric	
	83	US- 6,623,607	09/23/2003	Stollenwerk, Johannes	
	84	US- 6,236,044	05/22/2001	Chou et al.	
	85	US- 6,248,009	06/19/2001	Ito, Kenya	
	86	US- 5,956,134	09/21/1999	Roy et al.	
	87	US- 5,643,368	07/01/1997	Nakashima, Kazushi	
	88	US- 5,334,844	08/02/1994	Pollard et al.	
	89	US- 6,248,009	06/19/2001	Ito et al.	
	90	US- 5,742,172	04/21/1998	Yasutake	
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**Examiner
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Examiner Name	Unknown
Attorney Docket Number	05005469.002US1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
pt	1	"Tropel Lasercheck Non-Contact Surface Roughness," Coming Tropel Corporation, 2 pages; date unknown	
pt	2	"diEnviroScope Atomic Force Microscope," 2003 Veeco Instruments Inc., 2 pages; date unknown	
pt	3	"Atomic Force Microscopy for Nan-Surface Texture/Roughness," Pacific Nanotechnology, Inc., 3 pages; date unknown	
pt	4	"Using the Dimension X3D AFM in Advanced Photomask Metrology", 2003 Veeco Instruments, Inc., 6 pages; date unknown	

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